

Shirley : No 615-3015

Carrier's No. 1655

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

UNITED MINERALS CORPORATION

METALS DIVISION
UNION CARBIDE CORPORATION

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below in apparent good order except as noted (contents and condition of contents of packages unknown) marked consigned and destined as indicated below which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Southern Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading including those on the back thereof set forth in the classification or tariff which governs the transportation of this shipment; and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Destination XX-X Barnwell (Osborn Road) State XX-XX S. Carolina County XX-XX Montrose Barnwell

| Route | Distance | Time | Cost | Notes |
|--|--------------|-----------|---------|----------------------------------|
| 1. New York City to Washington, D.C. | 225 miles | 4 hours | \$150 | Includes tolls and parking fees. |
| 2. Washington, D.C. to Philadelphia | 140 miles | 3 hours | \$100 | Includes tolls and parking fees. |
| 3. Philadelphia to New York City | 95 miles | 2 hours | \$75 | Includes tolls and parking fees. |
| 4. New York City to Boston | 215 miles | 4 hours | \$150 | Includes tolls and parking fees. |
| 5. Boston to New York City | 215 miles | 4 hours | \$150 | Includes tolls and parking fees. |
| 6. New York City to Los Angeles | 2,790 miles | 45 hours | \$1,800 | Includes tolls and parking fees. |
| 7. Los Angeles to New York City | 2,790 miles | 45 hours | \$1,800 | Includes tolls and parking fees. |
| 8. New York City to San Francisco | 2,550 miles | 42 hours | \$1,650 | Includes tolls and parking fees. |
| 9. San Francisco to New York City | 2,550 miles | 42 hours | \$1,650 | Includes tolls and parking fees. |
| 10. New York City to Chicago | 790 miles | 13 hours | \$500 | Includes tolls and parking fees. |
| 11. Chicago to New York City | 790 miles | 13 hours | \$500 | Includes tolls and parking fees. |
| 12. New York City to Denver | 1,600 miles | 27 hours | \$1,000 | Includes tolls and parking fees. |
| 13. Denver to New York City | 1,600 miles | 27 hours | \$1,000 | Includes tolls and parking fees. |
| 14. New York City to Salt Lake City | 2,100 miles | 35 hours | \$1,300 | Includes tolls and parking fees. |
| 15. Salt Lake City to New York City | 2,100 miles | 35 hours | \$1,300 | Includes tolls and parking fees. |
| 16. New York City to Phoenix | 2,450 miles | 41 hours | \$1,550 | Includes tolls and parking fees. |
| 17. Phoenix to New York City | 2,450 miles | 41 hours | \$1,550 | Includes tolls and parking fees. |
| 18. New York City to Las Vegas | 2,700 miles | 45 hours | \$1,700 | Includes tolls and parking fees. |
| 19. Las Vegas to New York City | 2,700 miles | 45 hours | \$1,700 | Includes tolls and parking fees. |
| 20. New York City to Honolulu | 2,550 miles | 42 hours | \$1,650 | Includes tolls and parking fees. |
| 21. Honolulu to New York City | 2,550 miles | 42 hours | \$1,650 | Includes tolls and parking fees. |
| 22. New York City to Sydney, Australia | 10,500 miles | 175 hours | \$6,500 | Includes tolls and parking fees. |
| 23. Sydney, Australia to New York City | 10,500 miles | 175 hours | \$6,500 | Includes tolls and parking fees. |
| 24. New York City to Tokyo, Japan | 6,700 miles | 112 hours | \$4,000 | Includes tolls and parking fees. |
| 25. Tokyo, Japan to New York City | 6,700 miles | 112 hours | \$4,000 | Includes tolls and parking fees. |
| 26. New York City to London, England | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 27. London, England to New York City | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 28. New York City to Paris, France | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 29. Paris, France to New York City | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 30. New York City to Rome, Italy | 4,400 miles | 74 hours | \$2,600 | Includes tolls and parking fees. |
| 31. Rome, Italy to New York City | 4,400 miles | 74 hours | \$2,600 | Includes tolls and parking fees. |
| 32. New York City to Moscow, Russia | 5,600 miles | 94 hours | \$3,200 | Includes tolls and parking fees. |
| 33. Moscow, Russia to New York City | 5,600 miles | 94 hours | \$3,200 | Includes tolls and parking fees. |
| 34. New York City to Beijing, China | 7,900 miles | 132 hours | \$4,700 | Includes tolls and parking fees. |
| 35. Beijing, China to New York City | 7,900 miles | 132 hours | \$4,700 | Includes tolls and parking fees. |
| 36. New York City to Sydney, Australia | 10,500 miles | 175 hours | \$6,500 | Includes tolls and parking fees. |
| 37. Sydney, Australia to New York City | 10,500 miles | 175 hours | \$6,500 | Includes tolls and parking fees. |
| 38. New York City to Tokyo, Japan | 6,700 miles | 112 hours | \$4,000 | Includes tolls and parking fees. |
| 39. Tokyo, Japan to New York City | 6,700 miles | 112 hours | \$4,000 | Includes tolls and parking fees. |
| 40. New York City to London, England | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 41. London, England to New York City | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 42. New York City to Paris, France | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 43. Paris, France to New York City | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 44. New York City to Rome, Italy | 4,400 miles | 74 hours | \$2,600 | Includes tolls and parking fees. |
| 45. Rome, Italy to New York City | 4,400 miles | 74 hours | \$2,600 | Includes tolls and parking fees. |
| 46. New York City to Moscow, Russia | 5,600 miles | 94 hours | \$3,200 | Includes tolls and parking fees. |
| 47. Moscow, Russia to New York City | 5,600 miles | 94 hours | \$3,200 | Includes tolls and parking fees. |
| 48. New York City to Beijing, China | 7,900 miles | 132 hours | \$4,700 | Includes tolls and parking fees. |
| 49. Beijing, China to New York City | 7,900 miles | 132 hours | \$4,700 | Includes tolls and parking fees. |
| 50. New York City to Sydney, Australia | 10,500 miles | 175 hours | \$6,500 | Includes tolls and parking fees. |
| 51. Sydney, Australia to New York City | 10,500 miles | 175 hours | \$6,500 | Includes tolls and parking fees. |
| 52. New York City to Tokyo, Japan | 6,700 miles | 112 hours | \$4,000 | Includes tolls and parking fees. |
| 53. Tokyo, Japan to New York City | 6,700 miles | 112 hours | \$4,000 | Includes tolls and parking fees. |
| 54. New York City to London, England | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 55. London, England to New York City | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 56. New York City to Paris, France | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 57. Paris, France to New York City | 3,450 miles | 58 hours | \$2,000 | Includes tolls and parking fees. |
| 58. New York City to Rome, Italy | 4,400 miles | 74 hours | \$2,600 | Includes tolls and parking fees. |
| 59. Rome, Italy to New York City | 4,400 miles | 74 hours | \$2,600 | Includes tolls and parking fees. |
| 60. New York City to Moscow, Russia | 5,600 miles | 94 hours | \$3,200 | Includes tolls and parking fees. |
| 61. Moscow, Russia to New York City | 5,600 miles | 94 hours | \$3,200 | Includes tolls and parking fees. |

Delivering Carrier Tri-State Motor Transport Car or Vehicle Initials 2761 No 445055 Seal No 212529

| No Packages | Kind of Package Description of Articles Special marks, and Exceptions | *Weight (Sub to correction) | ‡ Class or Rate | Check Column |
|----------------|--|-----------------------------------|--------------------|-----------------|
| 9 | Radioactive Materials, LSA, n.s.s. (585 cu. Ft.) | | | |
| | Radioactive Material, U-235 | | | |
| | U-Natural | | | |
| | Uranium/Thorium Residues (From Chemical Processing) | | | |
| | 8016 Max Cunes per Package Less than one (1) pound source | | | |
| | material - solid, metal oxide, contaminated soil, | | | |
| | building rubble, wood and plant equipment | | | |
| | | | | |
| | This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation | | | |
| | Signed <i>[Signature]</i> | | | |
| | | | | |
| | Vehicle assigned for sole use of consignor Do not load other freight on the vehicle, do not transfer in route and do not break the seal on truck | | | |
| | | | | |
| | Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation the shipper provided or affixed, according to applicable regulations the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon | | | |
| | Signed <i>[Signature]</i> | | | |
| | | | | |

Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor the consignor shall sign the following statement

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges

(Signature of consignor)

If charges are to be prepaid with stamp here, "To Be Prepaid" Third Party

PREPAID (See below)

Received \$

to apply in prepayment of the charges on the property described hereon

Agent or Cashier

Per (The signature here acknowledges only the amount prepaid)

Charges advanced

\$

This shipment is correctly described

Correct weight is Subject to verification by the

*L.G. Evans
Union Minerals Co.

P.O. box 91
Niagara Falls, NY
14301

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

METALS DIVISION
UNION CARBIDE CORPORATION

UPETCO MINERALS CORPORATION.

Shipper

Agent

Per 1st Lt. K.

Per _____

Permanent postoffice
address of shipper
UC 326-34

G.E. Walck

UCCNHT0003156

(1) GENERATOR NAME Umetco Minerals Corporation
ADDRESS 137 - 47th Street
CITY Niagara Falls STATE New York
CONTACT G.E. Walck PHONE (716)278-3361

(2) consigned to
CHEM NUCLEAR SYSTEMS, INC
P O BOX 726 OSBORN ROAD
BARNWELL SC 29812

BARNWELL WASTE MANAGEMENT FACILITY

Operated by CHEM NUCLEAR SYSTEMS, INC
P O Box 726, Barnwell, South Carolina 29812
(803) 259 1781

RADIOACTIVE SHIPMENT MANIFEST FORM

(3) USE THIS NUMBER ON
ALL CONTINUATION PAGES

VOLUME ALLOCATION NO
1184-119-A

PAGE 1
OF 2

(4) Tri-
CARRIER State ADDRESS Joplin, Missouri 64801
TELEPHONE 417-624-3131 SHIPPING DATE November 6, 1984
SHIPMENT TYPE Van SHIPMENT SURFACE EXPOSURE 0.058 mR/hr
SHIPMENT NO 615-3015 LINER SERIAL NO ---
DRIVER SIGNATURE [Signature] DATE 11-6-84

| (5) TOTAL FOR EACH CLASS | | PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101) | ID NUMBER |
|--------------------------|-----------------|--|-----------|
| NO OF PACKAGES | WEIGHT (Pounds) | | |
| | | Radioactive Material, empty packages | UN2908 |
| | | Radioactive Material, fissile, n.o.s. — Radioactive Material | UN2918 |
| <u>9</u> | <u>43024</u> | Radioactive Material, low specific activity, n.o.s. — Radioactive Material | UN2912 |
| | | Radioactive Material, n.o.s. — Radioactive Material | UN2982 |
| | | Radioactive Material, limited quantity, n.o.s. — Radioactive Material | UN2910 |
| | | Radioactive Material, special form, n.o.s. — Radioactive Material | UN2974 |
| | | Radioactive Material, instruments and articles — Radioactive Material | UN2911 |
| | | Other (Specify) | |

| (6) SHIPMENT TOTALS | | | | | | | |
|---------------------|----------------------|-------------------------|-----------|-----------|-----------|-----------|-----------------|
| VOLUME (Cubic Feet) | TOTAL NO OF PACKAGES | ACTIVITY (10CFR 20.311) | | | | | SOURCE (Pounds) |
| | | ALL ISOTOPES | TRITIUM | C-14 | Tc-99 | I-129 | |
| <u>585</u> | <u>9</u> | <u>0.06</u> | <u>NP</u> | <u>NP</u> | <u>NP</u> | <u>NP</u> | <u>0.9</u> |

| (7) TOTAL SNM | |
|---------------|------------|
| ISOTOPE | GRAMS |
| U 233 | <u>N/A</u> |
| U 235 | <u>↓</u> |
| TOTAL | <u>↓</u> |

(8) TOTAL PALLET
VOLUME (CU FT) N/A

(9) WASTE DESCRIPTION Contaminated Soil
Misc. Debris (10) PHYSICAL FORM/
SOLIDIFICATION AGENT Solid

(11) CHEMICAL FORM AND
NAME AND % OF CHELATING AGENT(S) Metal Oxides

(12) WASTE FORM CLASS
XXA ☐ B ☐ C

(13) (☒) Yes () No THIS VEHICLE IS CONSIGNED EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(14) IMPORTANT This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature G.E. Walck
Company Umetco Minerals Corporation Date 11/6/84

(15) Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No 097 as amended and the Nuclear Regulatory Commission's License No 12 13536 01 as amended and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment and further certification is made that the inspection revealed no items of non compliance with all applicable laws rules and regulations

Date 11/6/84 By S.E. Walck
Title and Organization Construction Superintendent - Umetco Minerals Corp
Telephone No (716) 278-3361

- ☒ This material meets all license requirements
☒ This material was disposed of in accordance with license
☐ Discrepancy

NOV 15 1984

Date 11-9-84
Authorized Signature [Signature] Title H.E. Walck

UCCNHT0003157

GENERATOR NAME Unesco Minerals Corp.

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PAGE TOTALS

CUSTOMER'S COPY

UCCNHT0003158